



FENIX RESOURCES LIMITED

THE NEXT AUSTRALIAN
HIGH-GRADE IRON ORE MINER

Corporate Presentation
June 2020

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Important Disclosure



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Competent Person's Statement

- The information in this report that relates to Mineral Resources is based on information compiled by Mr Alex Whishaw, a Competent Person who is a Member of the Australasian Institute of Mining and Metallurgy and is employee by CSA Global Pty Ltd. Mr Whishaw has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity which they are undertaking to qualify as a Competent Person as defined in the 2012 edition of the Australasian Code for the Reporting of Exploration Results, Mineral Resources, and Ore Reserves (JORC Code). Mr Whishaw consents to the disclosure of information in this report in the form and context in which it appears.
- The information in this report that relates to the Processing and Metallurgy for the Iron Ridge Project is based on and fairly represents, information and supporting documentation compiled by Damian Connelly who is a Fellow of The Australasian Institute of Mining and Metallurgy and a full time employee of METS Engineering Group. Damian Connelly has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Connelly consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.
- The information in this report that relates to Ore Reserves is based on information compiled by Mr John Battista, a Competent Person who is a Member and Chartered Professional (Mining) of the Australasian Institute of Mining and Metallurgy and is currently employed by Mining Plus (UK) Ltd. Mr Battista has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity which they are undertaking to qualify as a Competent Person as defined in the 2012 edition of the Australasian Code for the Reporting of Exploration Results, Mineral Resources, and Ore Reserves (JORC Code). Mr Battista consents to the disclosure of information in this report in the form and context in which it appears.

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Company Overview

Why invest in Fenix



The Next Australian High-Grade Iron Ore Miner

- 100% owner of the high-grade (64.2%) Iron Ridge iron ore deposit in WA's Mid West
- All tenements granted; Mining Proposal lodged and assessment process highly advanced
- 490km by sealed road to Geraldton Port
- FID expected in July; Four months from start of construction to first shipment
- Capital cost of only \$11.9m; FS forecasts C1 cash costs of A\$76.86/t; Diesel price has since fallen sharply
- FS forecast average annual EBITDA of \$16.4m based on benchmark Fe price of A\$111.43/t; Current Spot price ~A\$151/t
- Simple DSO operation; Iron ore starts at surface; Single open pit
- Agreements established for trucking and port services
- Enterprise Value: \$21.4m



World Class WA
Mining Jurisdiction



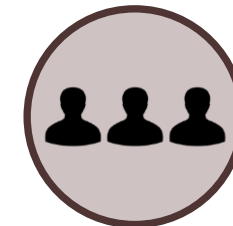
High-Grade 64.2% Iron
Ore Resource



Buoyant A\$ Iron Ore
Price



Compelling Feasibility
Study Results



Highly Experienced Board
& Management Team

Corporate Overview



Capital Structure & Pricing

Ordinary shares on issue	285.8m
Vendor Performance Shares ¹	97.5m
Employee Performance Rights ¹	1.6m
Unlisted Options ²	79.0m
Share Price (16 June 2020)	\$0.081
Market capitalisation (undiluted)	\$23.1m
Cash ³	\$1.7m
Debt	Nil
Enterprise Value (undiluted)	\$21.4m

1. Hurdles aligned with key asset development milestones
2. 59 million options: exercise price of 8 cents and expiry date of 21 Nov 2021 | 10 million options: Exercise price of 7 cents and expiry date of 31 Dec 2021 | 10 million options: Exercise price of 6 cents and expiry date of 31 Dec 2021
3. Cash as at 31 March 2020

Board & Management

Garret Dixon	Non Executive Chairman
Rob Brierley	Managing Director
Garry Plowright	Executive Director

Share Price History



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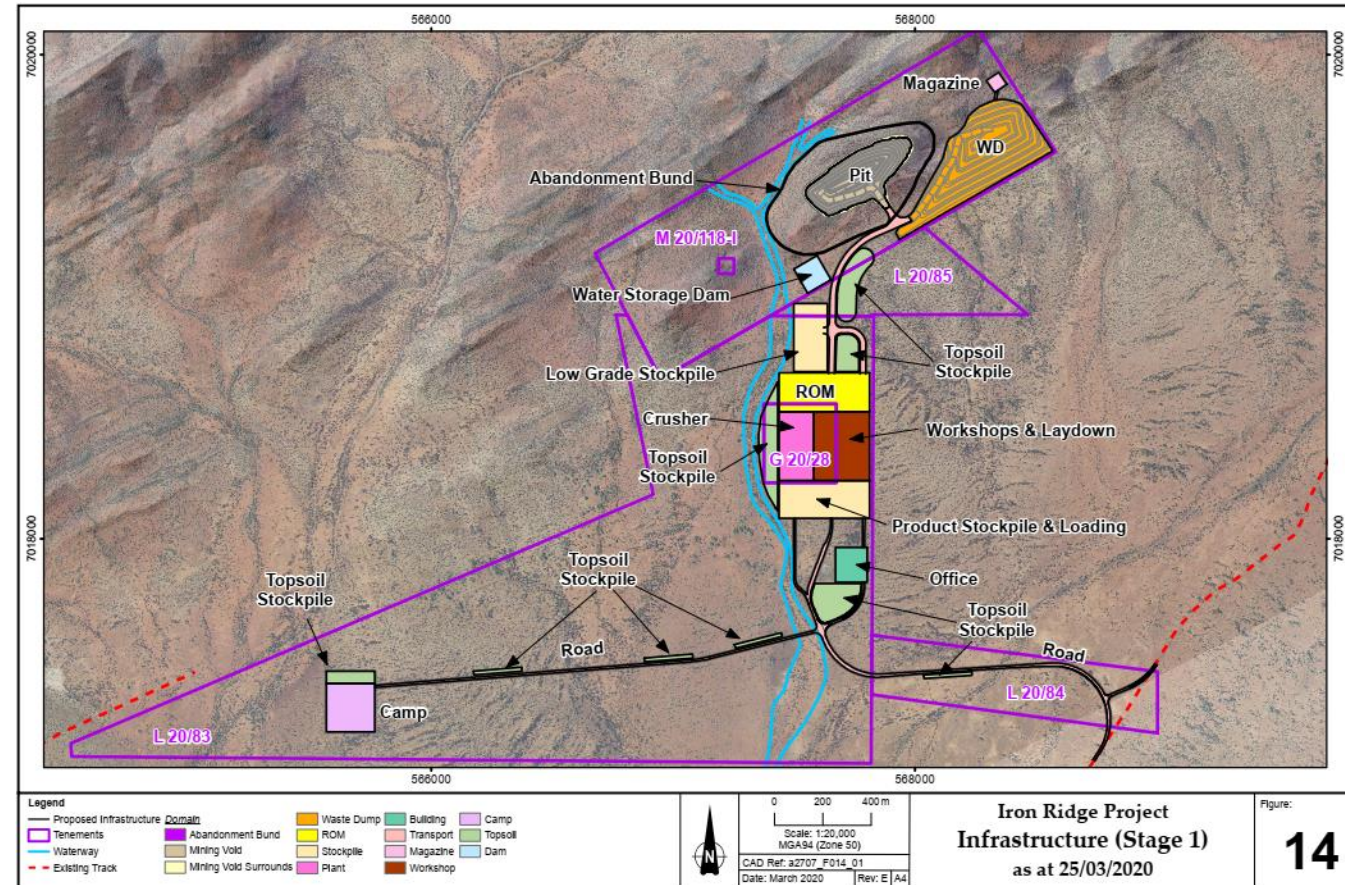
Iron Ridge Project

Iron Ridge Project



High Grade Iron Ore Project in the Midwest

- Fenix acquired the right to 100% of the project in May 2018 and completed the transaction in November 2018.
- Mineral Resource Estimate¹ of 10.5 Mt @ 64.2% Fe, which represents some of the highest grade iron ore in Western Australia
- The deposit is on a Granted Mining Lease with historical mining of micaceous iron oxide
- Feasibility Study Completed November 2019
- Maiden Ore Reserves² of 7.8Mt @ 63.9% Fe
- Mining Proposal Lodged with DMIRS in April 2020, assessment process nearing completion and decision expected in coming weeks



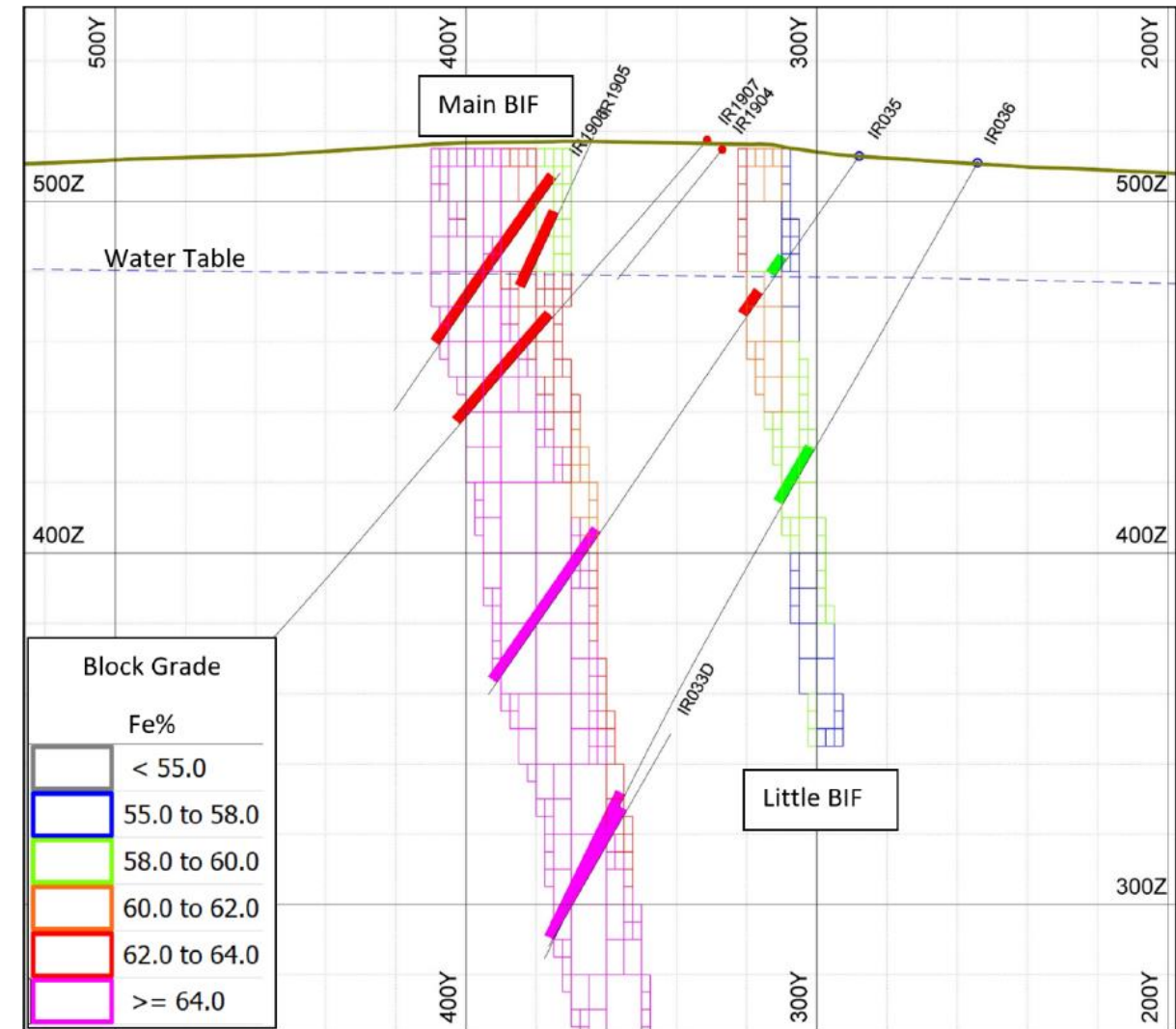
¹ Refer ASX release from Fenix Resources Ltd (FEX) dated 21 August 2019.

² Refer ASX release from Fenix Resources Ltd (FEX) dated 4 November 2019.

Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. The JORC Code, 2012 Edition. Prepared by: The Joint Ore Reserves Committee of The Australasian Institute of Mining and Metallurgy, Australian Institute of Geoscientists and Minerals Council of Australia (JORC).

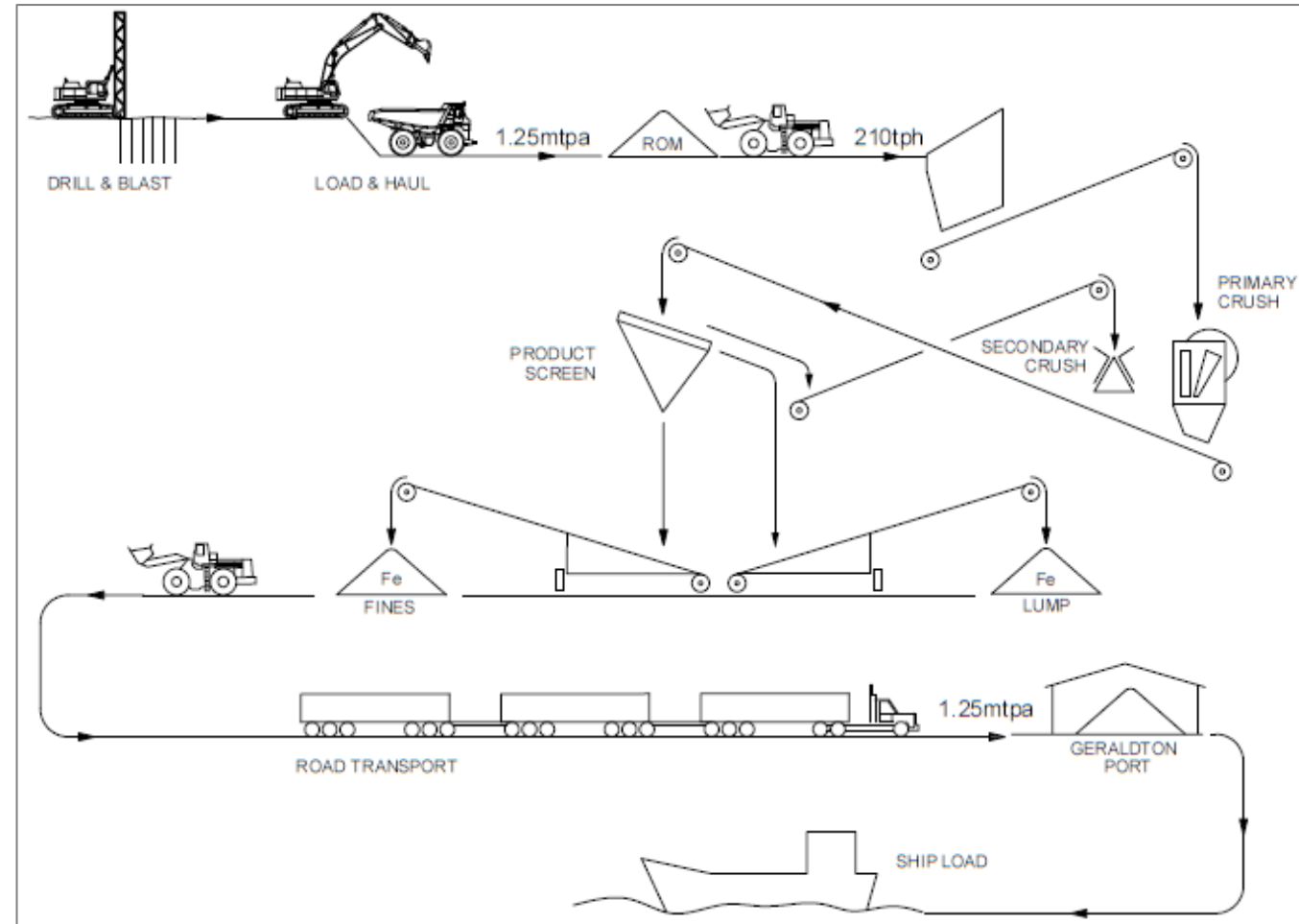
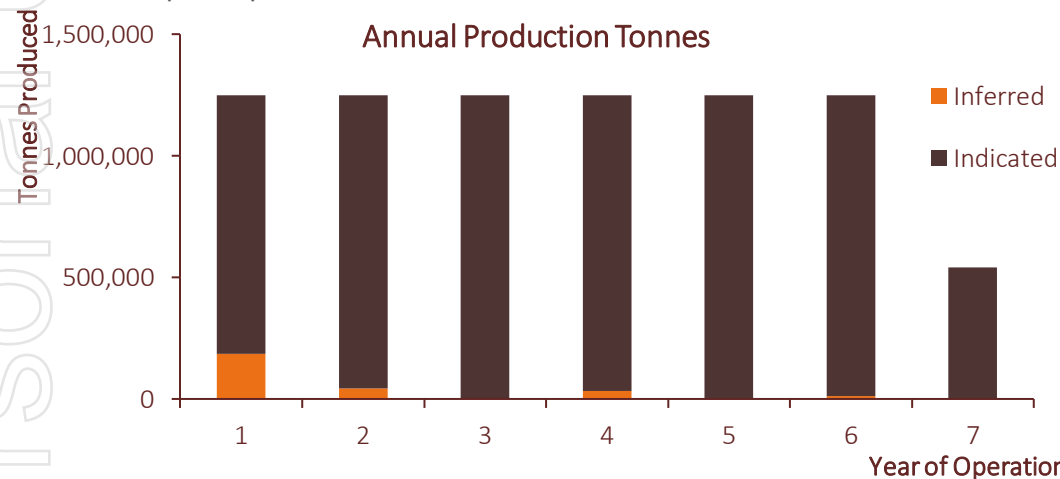
Simple Geology & Standard Open Pit Mining

- Mineralisation at Iron Ridge starts at surface and plunges gently to the south-west along strike with mineralisation continuing to a depth of up to 230m below surface. Current optimised open pit goes to a maximum depth of 155m
- Consistent high grades recorded in the main BIF after 20-40m hard cap mineralisation (minor elevated alumina)
- Feasibility assumes a single open pit operation using conventional excavator-truck mining fleet, adopting 10m benches and mining these benches in 3 flitches
- Ore and waste will be hauled to the ROM pad and waste dump respectively by a fleet of 100 tonne haul trucks
- Drill and blast will be conducted using a top hammer drill rig and ANFO or heavy ANFO explosives
- The Feasibility Study determined that over the 6.5 year LOM, ~8 million tonnes of high-grade hematite grading approximately 64% Fe will be extracted



Uncomplicated Processing of Premium DSO

- Low deleterious elements, well within acceptable limits
- No beneficiation is required, simple DSO material
- Anticipated to produce premium >65% Fe lump and >63% Fe fines products at 25-30% lump ratio over the life-of-mine
- Processing plant is mobile, modular and consists of:
 - two-stage crushing circuit (primary and secondary crushing)
 - multi-deck screen to separate the lump and fines product into distinct stockpiles for road transport to export port



Established Infrastructure Path



Low Capex contract mining & trucking concept facilitated by key project characteristics

Good Roads

Sealed highway runs within ~15km of project. 490km (by road) to Geraldton Port

Trucking Joint Venture

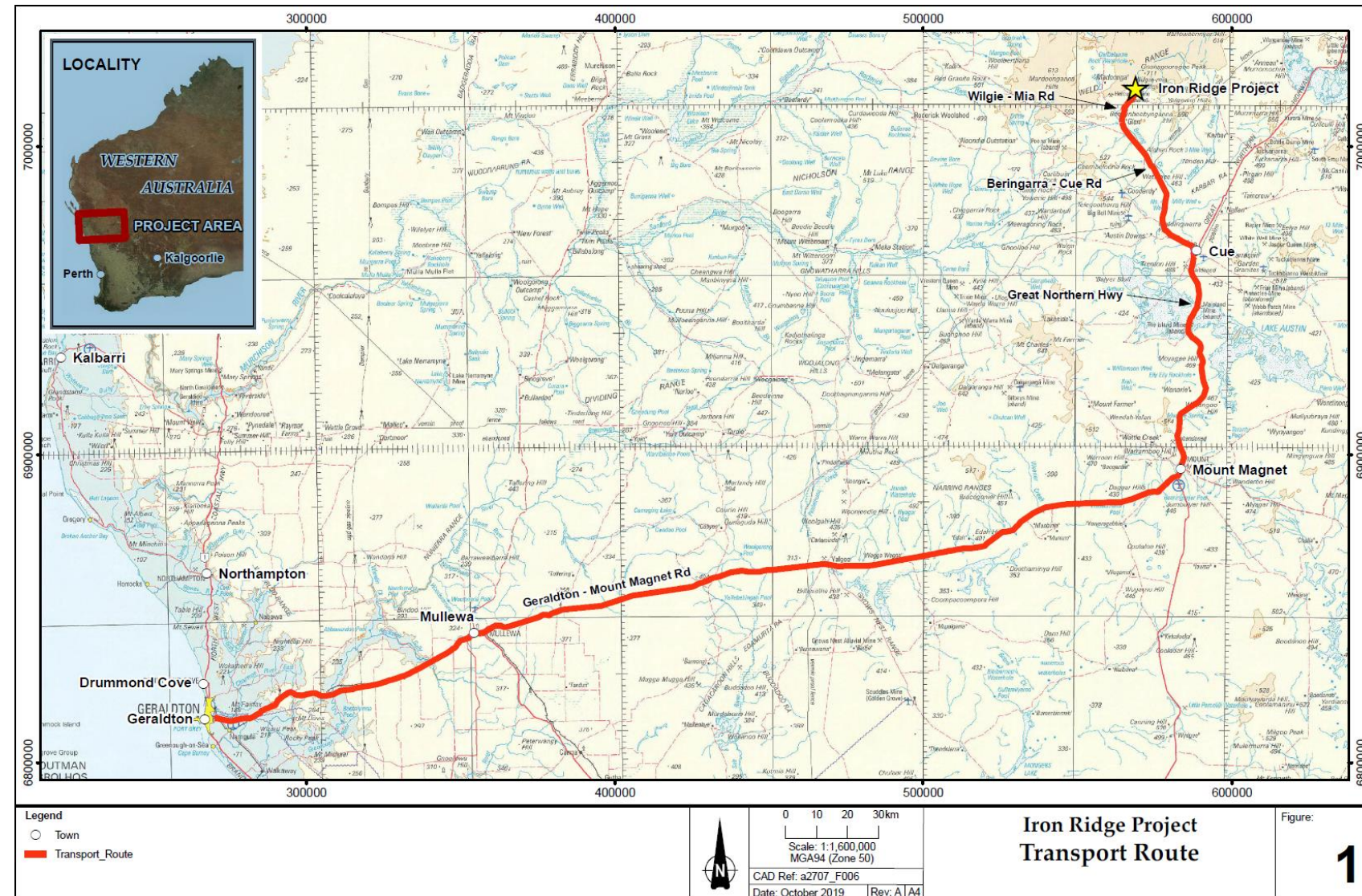
Fenix formed a strategic alliance, via a 50/50 JVC, with Newhaul Pty Ltd in May 2019. Importantly the alliance provides trucking services to the Project; and Introduces the expertise of Craig Mitchell – founder and former owner of transport and logistics provider Mitchell Corp

Port Capacity

Substantial spare port capacity and 3,500tph dedicated iron ore ship loading facility at Geraldton Port currently under-utilised

Joint Cooperation Agreement

Fenix has entered into a Joint Cooperation agreement with the manager of Geraldton Port, the Mid West Ports Authority, relating to the provision of Port Access, Capacity Reservation, Handling Services; and product export contracts



Feasibility Study Highlights



The Feasibility Study ("FS"), released on 4 November 2019, reveals a high-grade and high-quality Project that provides strong returns over a moderate mine life

Initial
Capex
\$11.9m

C1 Cash
Costs
\$76.86/dmt

6.5 Year
LOM

Average
Annual
EBITDA
\$16.4m

NPV₁₀
\$54.3m

IRR
59%

Operating Metric	Unit	Feasibility Study
Processing Capacity	Mtpa	1.25
Average Strip Ratio	Waste:ore	2.86:1
Total Mineral Inventory	Mt	8.0
Initial Mine Life	Months	77
Average C1 Cash costs	A\$/dmt	76.86
Ore Reserve	Mt	7.76
Reserve Grade	%	63.9
Financial Metrics		
Project Life of Mine Revenue (FOB)	A\$m	802.9
Project net cash flow	A\$m	110.4
Estimated C1 cash operating cost	A\$/dmt	76.86
Pre-Production Capex inc. contingency	A\$m	11.9
NPV ₁₀	\$m	54.3
IRR	%	58.9
Annual Average EBITDA	\$m	16.4
Assumptions		
Exchange Rate	A\$:US\$	0.70
62% Fe index price	US\$/dmt	78.00
62% Fe index price	A\$/dmt	111.43
Diesel Price	A\$/L	\$1.34

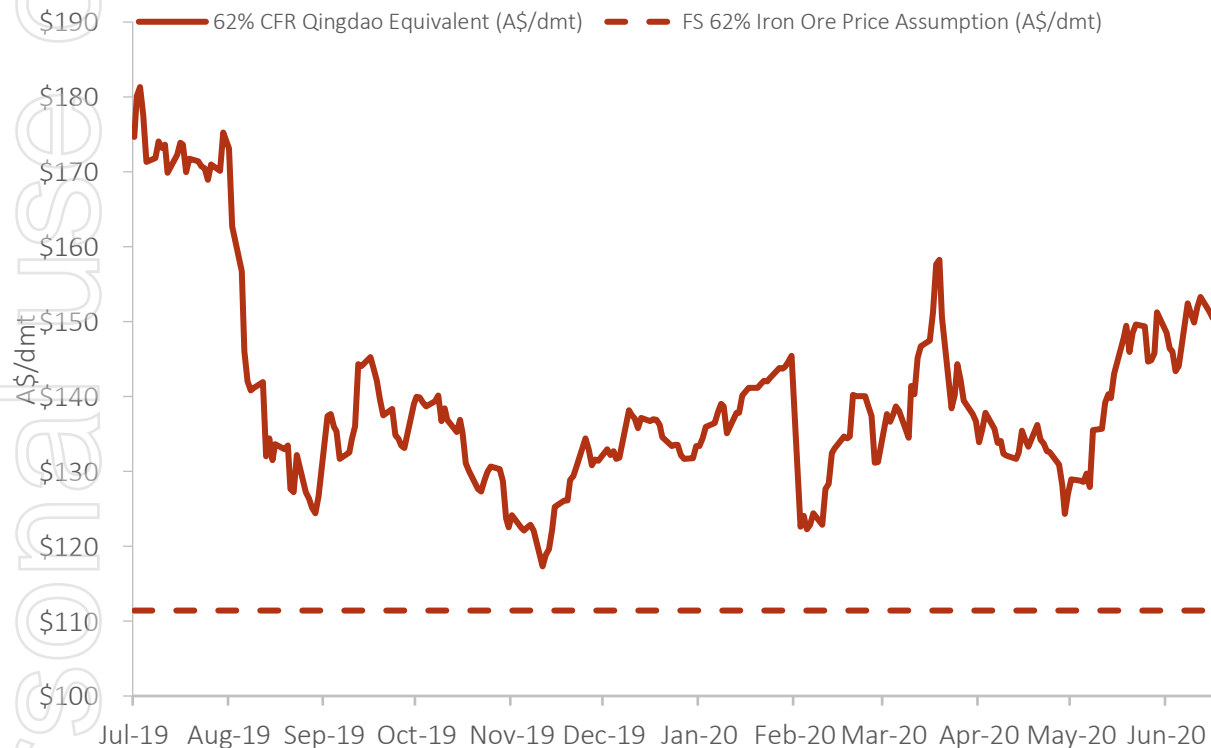
Improving Macroeconomic Factors



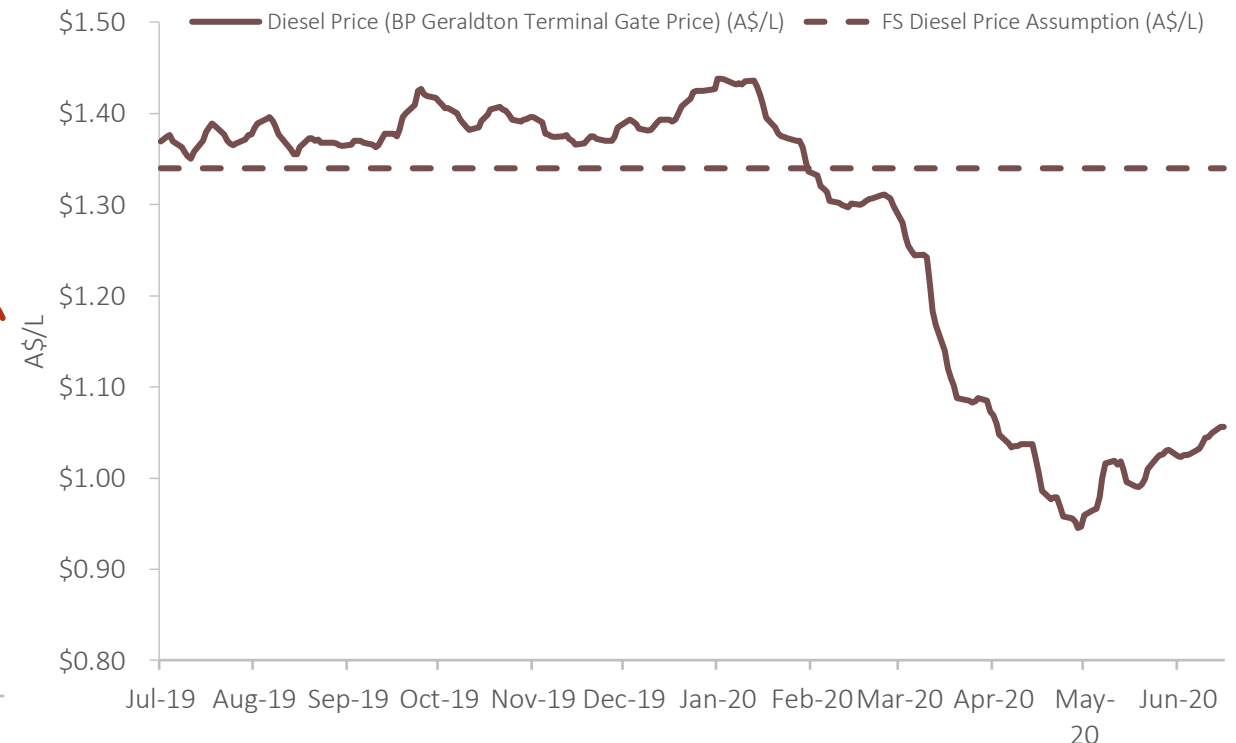
Since the announcement of the Feasibility Study on 4 November 2019, both the A\$ index iron ore price and diesel price have moved materially in favour of the Iron Ridge Project economics

	Feasibility Study Assumptions	Current Spot Price (16 June 2020)	Variance (%)	
AUD/USD	0.70	0.696	-0.62%	✓
62% Fe index price (US\$)	\$78.00	\$104.75	34.29%	✓
62% Fe index price (A\$)	\$111.43	\$150.58	35.14%	✓
Diesel Price (A\$/L)	\$1.34	\$1.06	-21.19%	✓

Iron Ore Price Compared to Feasibility Study



Diesel Price Compared to Feasibility Study



Source: Bloomberg, IRESS and Fuel Watch

Capital & Operating Expenses



Capex

Capital Cost (A\$m)	Pre Start-up Capital Cost	Commercial Production Cost	Initial Capex	Year 1 Capital Cost	Total Capex
Roads	2.76	-	2.76	1.89	4.65
Infrastructure Pads	0.33	-	0.33	-	0.33
Contractor Mobilisations	-	0.99	0.99	0.50	1.49
Mine Site Infrastructure	1.20	3.88	5.08	-	5.08
Owners Site Costs	0.79	0.21	1.00	0.43	1.43
Contingency	0.39	0.13	0.52	0.18	0.70
Total Project Development Capex	5.46	5.20	10.67	3.00	13.67
Haulage JV Contribution	1.25	-	1.25	-	1.25
Total Capex	6.71	5.20	11.92	3.00	14.92

- Initial capex to establish the operation is estimated at \$11.9 million, including:
 - \$0.52 million in contingencies
 - \$1.25 million of total contributions to the Fenix Newhaul road transport joint venture
- Approximately 44% of the estimated capex is not payable until commercial production
- A further \$3 million of capex to be spent in year one of the project mostly in Q4

Opex

Operating Cost (A\$/dmt)	LOM Average Cost
Mining & Processing	20.87
Road Haulage	43.27
Port storage, handling & ship loading	9.27
Corporate & administration	3.45
C1 Operating Cash Costs (FOB)	76.86
Royalties	9.24
Cash Costs (FOB)	86.10

- C1 Operating Costs are comprised of:
 - 56.3% road transport costs
 - 27.1% to mine and processing
 - 12.1% to port costs
 - 4.5% to corporate and administration

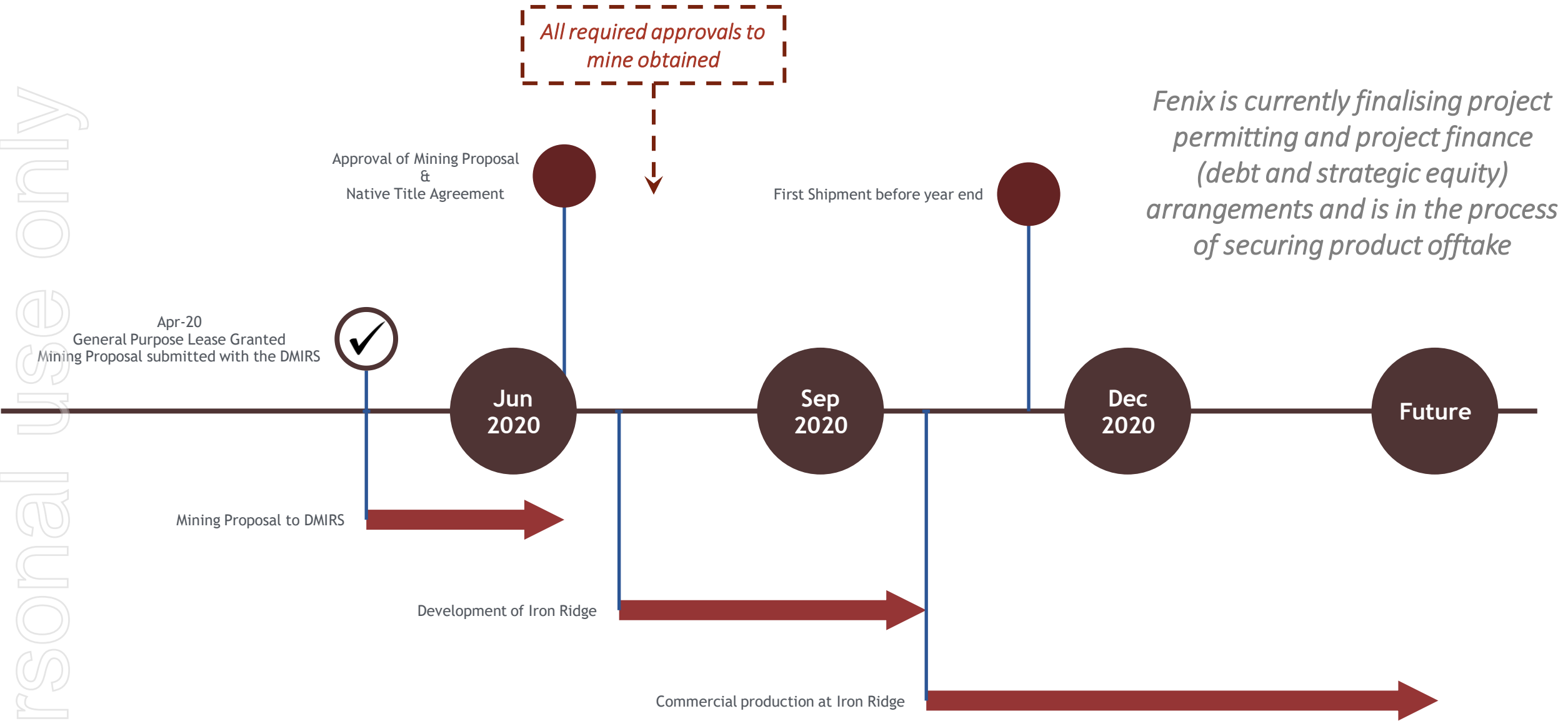
~18 Months of Successful Project Development



From acquiring Iron Ridge in November 2018, Fenix has rapidly developed the Project including two Mineral Resource Upgrades and delivering a successful Feasibility Study

✓ Iron Ridge acquisition finalised	November 2018
✓ Mineral Resource upgrade 1	March 2019
✓ Strategic Road Transport Alliance formed	May 2019
✓ Joint cooperation agreement with Mid West Ports	May 2019
✓ Mineral Resource upgrade 2	August 2019
✓ Feasibility Study completed	November 2019
✓ Ore Reserves declared	November 2019
✓ All tenure required for project start-up granted	April 2020
✓ Mining proposal submitted	April 2020

2020 Project Development Progress and Target Timeline



*Timeline based on Fenix current expectations with respect to the Iron Ridge Project development and may be subject to change

Ideally placed to generate value from a high quality project



Aim to supply premium-grade products to the steel industry



Iron Ridge is our foundation asset, it hosts a high-grade Mineral Resource of 10.5Mt @ 64.2% Fe



Focused management and Board of Directors with industry specific and corporate experience



Plan to commercialise Iron Ridge and build a trusted customer base



Target acquisitions leveraging synergies with Iron Ridge

The Next Australian High-Grade Iron Ore Miner

Fenix Resources is Rapidly Developing its High-Grade Iron Ridge Project



World Class WA
Mining Jurisdiction



High-Grade 64.2% Iron
Ore Resource



Compelling Feasibility
Study Results



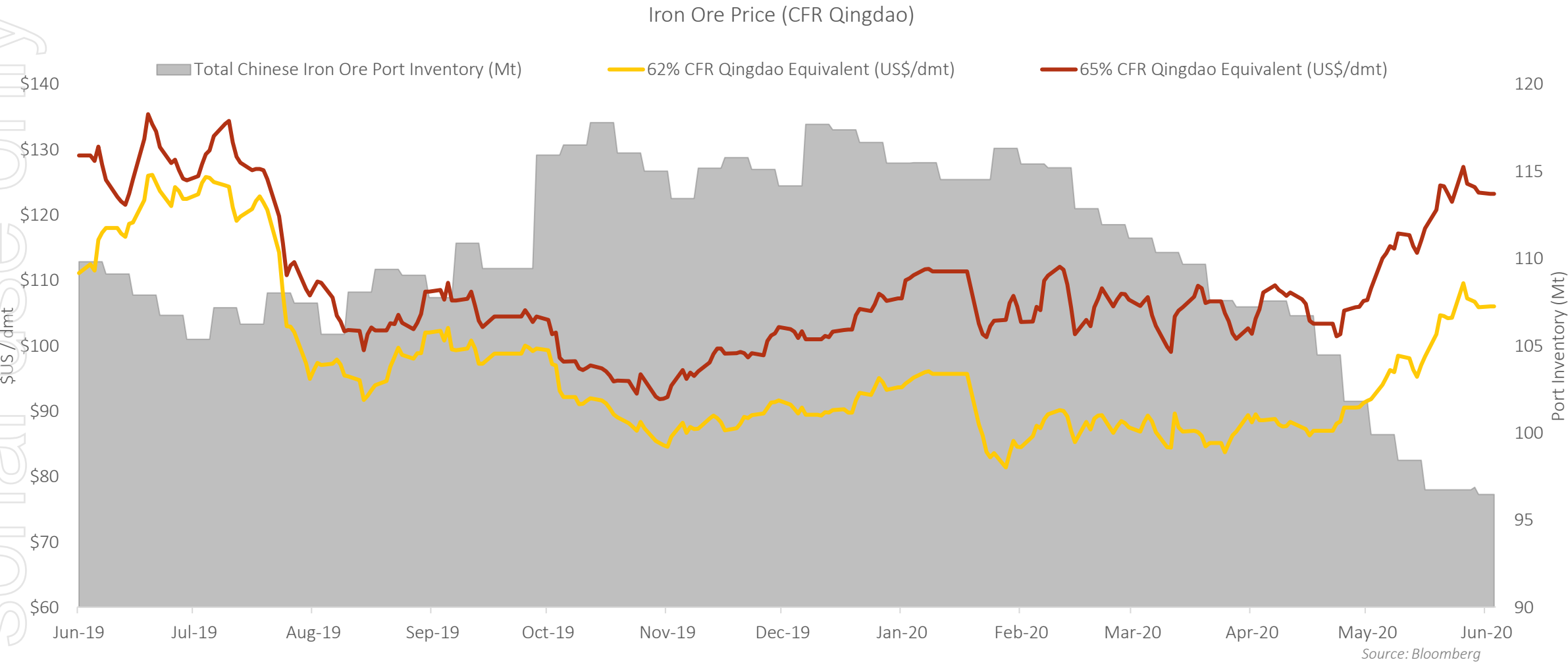
Buoyant A\$ Iron Ore
Price



Highly Experienced
Board & Management
Team

Annexures

Iron Ridge production attracts a premium Iron Ore price given its excellent quality



Mineral Resource & Ore Reserve



- ✓ Resource update in August 2019 delivered a significant increase in overall Resource confidence, with the Indicated Mineral Resource increasing by 51%
- ✓ High grade overall Resource of 10.5Mt @ 64.2% Fe
- ✓ Main BIF higher grade
 - ✓ Indicated portion = 10Mt @ 64.3% Fe
- ✓ Strong proportion of Indicated Resource (>95%) that supports FS
- ✓ Low to acceptable impurities
- ✓ Maiden Ore Reserves declared in November 2019 of 7.76Mt @ 63.9% Fe, representing conversion ratio of ~78% of Indicated Resource to Ore Reserve

	Tonnes Mt	Fe %	Al ₂ O ₃ %	LOI %	P %	SiO ₂ %	TiO ₂ %
Indicated	10	64.3	2.56	1.9	0.046	3.21	0.09
Inferred	0.5	62.5	2.8	3.13	0.046	4.41	0.12
Total Mineral Resource	10.5	64.2	2.57	1.96	0.046	3.26	0.09
Probable	7.76	63.9	2.79	2.00	0.05	3.46	0.09
Total Ore Reserve	7.76	63.9	2.79	2.00	0.05	3.46	0.09



FENIX RESOURCES LIMITED

Contact

Rob Brierley

Managing Director

rob@fenixresources.com.au

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